

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App. No. : (Nat'l Stage of PCT/JP2003/003483)
 Applicant : Yoshifumi Kachi, et al.
 Filed : On even date herewith
 Tech. Cntr./Art Unit : (To be assigned)
 Examiner : (To be assigned)

Docket No. : 39.026-AG
 Customer No. : 29453

Honorable Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This constitutes an Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.97 and 1.98. The documents listed on the accompanying Form PTO/SB/08A are hereby brought to the Examiner's attention in the patent application identified above.

REMARKS

Cite Nos. F1 through F3, listed on Form PTO/SB/08A submitted herewith, were cited in the International Search Report for PCT/JP2003/003483, of which the presently submitted patent application is to be the National Stage. Among these, Cite Nos. F2 and F3 are not in English.

Furthermore, Cite No. F4 listed on Form PTO/SB/08A is not in English either.

Concise Explanation of Relevance/Copy of Translation
Pursuant to 37 C.F.R. § 1.98(a)(3)

As a concise explanation of the relevance of the presently submitted non-English references from the International Search Report, i.e., Cite Nos. F2 and F3, a copy of the International Search Report in English also accompanies this paper.

Nat'l. Stage of Int'l. App. No. PCT/JP2003/003483
 IDS Submission dated June 30, 2004

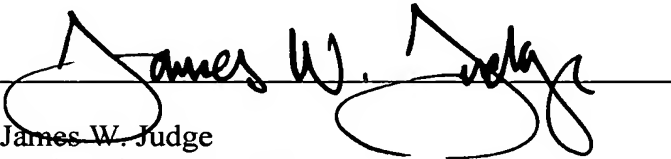
The entire "Background Art" section of the specification in the present application amounts to a concise explanation of the relevance of Cite No. F4.

Furthermore, English abstracts of Cite Nos. F2 through F4 are available, and a copy of the corresponding abstract is attached to the front of each reference. (Note that Cite No. F4 is a published Japanese *examined* patent application, as opposed to a published Japanese *unexamined* patent application, which is what Cite Nos. F2 and F3 are. Nevertheless, the English abstracts for Cite No. F4 is taken from the published corresponding *unexamined* patent application.)

The Examiner is respectfully requested to consider these references, to indicate so on the accompanying Form PTO/SB/08A, and to make the document of record in the present application.

Respectfully submitted,

June 30, 2004


 James W. Judge
 Registration No. 42,701

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	(To be assigned)
				Filing Date	March 20, 2003 [371(c) date]
				First Named Inventor	Yoshifumi Kachi
				Art Unit	(To be assigned)
				Examiner Name	(To be assigned)
				Attorney Docket Number	39,026-AG
Sheet	1	of	1		

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	<u>Foreign Patent Document</u>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)				
	F1	EP-1-199-908-A1	04-24-2002	Ibiden Co., Ltd.		
	F2	JP-2002-025750-A	01-25-2002	Ibiden Co., Ltd.		✓
	F3	WO-01/63972-A1	08-30-2001	Ibiden Co., Ltd.		✓
	F4	JP-H06-028258-B2	04-13-1994	NGK Insulators Ltd.		✓

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPER 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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